

# INTERNATIONAL SEARCH REPORT

In **national Application No**  
**PCT/IB2004/050919**

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H02M3/335

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H02M H05B G01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 433 491 B2 (HALBERSTADT JOHAN CHRISTIAAN) 13 August 2002 (2002-08-13) cited in the application column 8, line 23 - line 30; figure 4	1,2
A	US 5 696 431 A (VELDMAN PAUL R ET AL) 9 December 1997 (1997-12-09) column 15; figure 2	1,2
A	DE 44 22 399 A (ABB MANAGEMENT AG) 4 January 1996 (1996-01-04) the whole document	4-6
A	US 5 663 874 A (MADER URS HARALD ET AL) 2 September 1997 (1997-09-02) figure 2	8,9

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

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Date of the actual completion of the international search

14 October 2004

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22/10/2004

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Int'l Application No  
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